

CIRCUIT AND METHOD FOR DRIVING DISPLAY

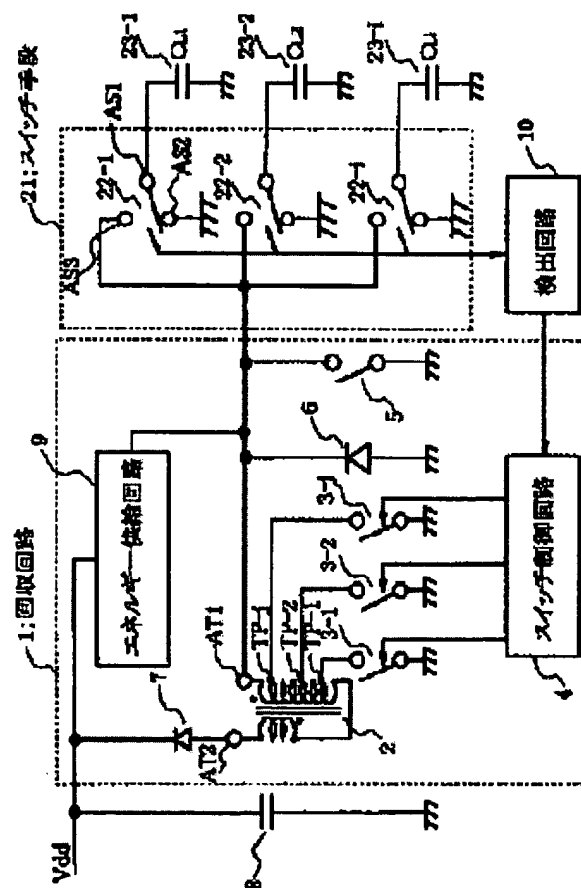
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Abstract of JP2000206919

PROBLEM TO BE SOLVED: To make it possible to improve an efficiency of energy recovery and reduce costs of a PDP system as a whole without requiring a 2nd power supply source by composing a recovery circuit, a switch means, and a detecting circuit.

SOLUTION: A recovery circuit 1 is comprised of an auto-transformer 2, 1st switches 3-1 to 3-j, a switch 5, a switch control circuit 4, a power capacity 8, an energy supply circuit 9, etc. A switch means 21 is connected across a 1st terminal AT1 of the auto-transformer 2 and capacitive data electrodes 23-1 to 23-i, and is provided with 2nd switches 22-1 to 22-i to change over to/ from open/close state according to the states of the driving voltages on the capacitive data electrodes 23-1 to 23-i. A detecting circuit 10 inputs information on the open/close states of the 2nd switches 22-1 to 22-i in the switch means 21, and sends the detection result to the switch control circuit 4. Based on the result, the switch control circuit 4 judges which switches to be made ON- state among the 1st switches 3-1 to 3-j.



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